| L Numb r | Hits | Search Text | DB | Tim stamp |
|---|---|---|---|---|
| 1 | 20 | (pixel ADJ  lectr  d ) with recess | USPAT; EPO; JPO | 2001/06/27 08:48 |
| 2 | 532 | curv$3 ADJ electrod | USPAT; EPO; JPO | 2001/06/27 08:50 |
| 3 | 0 | curv$3 ADJ electrode2 with curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 08:49 |
| 4 | 0 | (curv$3 ADJ electrode) and multi ADJ domain | USPAT; EPO; JPO | 2001/06/27 08:51 |
| 5 | 5 | (curv$3 ADJ electrode) and (vertical or perpendicular) ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 10:29 |
| 6 | 7338 | pixel ADJ electrode | USPAT; EPO; JPO | 2001/06/27 10:31 |
| 7 | 61 | (pixel ADJ electrode) and curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 09:10 |
| 8 | 21940 | (perpendicular or vertical) ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 12:13 |
| 9 | 5 | ((perpendicular or vertical) ADJ align$4 ) and (curv$3 ADJ electrode) | USPAT; EPO; JPO | 2001/06/27 09:25 |
| 10 | 16 | ((perpendicular or vertical) ADJ align$4 ) with curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 09:29 |
| 11 | 248 | 349/130 | USPAT; EPO; JPO | 2001/06/27 09:29 |
| 12 | 49 | 349/130 and curv$3 | USPAT; EPO; JPO | 2001/06/27 09:30 |
| 13 | 0 | 349/130 and (curv$3 ADJ electrode) | USPAT; EPO; JPO | 2001/06/27 09:30 |
| 14 | 1 | 349/130 and curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 09:32 |
| 15 | 0 | (349/130 and curv$3) and ((pixel ADJ electrode) and curv$3 ADJ surface) | USPAT; EPO; JPO | 2001/06/27 09:41 |
| 16 | 1 | 08292423.pn. | USPAT; EPO; JPO | 2001/06/27 09:43 |
| 17 | 1 | 07318940.pn. | USPAT; EPO; JPO | 2001/06/27 09:43 |
| 18 | 348 | ((perpendicular or vertical) ADJ align$4 ) and bump | USPAT; EPO; JPO | 2001/06/27 09:49 |
| 19 | 6 | ((perpendicular or vertical) ADJ align$4 ) with bump | USPAT; EPO; JPO | 2001/06/27 09:52 |
| 20 | 8039 | (align$3 or orientat$3) ADJ (layer or film) | USPAT; EPO; JPO | 2001/06/27 10:20 |
| 21 | 0 | curv$3 ADJ ((align$3 or orientat$3) ADJ (layer or film)) | USPAT; EPO; JPO | 2001/06/27 09:55 |
| 22 | 9 | ((align$3 or orientat$3) ADJ (layer or film)) with curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 10:11 |
| 23 | 2 | ((pixel ADJ electrode) and curv$3 ADJ surface) and ((perpendicular or vertical) ADJ align$4 ) | USPAT; EPO; JPO | 2001/06/27 10:11 |
| 24 | 4127 | ((align$3 or orientat$3) ADJ (layer  r film)) and liquid ADJ crystal | USPAT; EPO; JPO | 2001/06/27 10:12 |
| 25 | 0 | (((align$3 or  rientat$3) ADJ (layer or film)) and liquid ADJ crystal) and (curv$3 ADJ  l  trode2 with curv$3 ADJ surface) | USPAT; EPO; JPO | 2001/06/27 10:13 |

| 26 | 0 | (((align$3 r ri ntat$3) ADJ (layer or film)) and liquid ADJ crystal) and (curv$3 ADJ l ctrode) | USPAT; EPO; JPO | 2001/06/27 10:14 |
|---|---|---|---|---|
| 27 | 5 | ((align$3 r ori ntat$3) ADJ (layer r film)) with bump | USPAT; EPO; JPO | 2001/06/27 10:20 |
| 28 | 348 | ((perpendicular r vertical) ADJ align$4 ) and bump | USPAT; EPO; JPO | 2001/06/27 10:29 |
| 29 | 6 | ((perpendicular or vertical) ADJ align$4 ) with bump | USPAT; EPO; JPO | 2001/06/27 10:29 |
| 30 | 0 | (pixel ADJ electrode) with slant$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 10:31 |
| 31 | 11 | (pixel ADJ electrode) and slant$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 10:32 |
| 32 | 14 | ((align$3 or orientat$3) ADJ (layer or film)) and slant$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 10:33 |
| 33 | 1 | ((align$3 or orientat$3) ADJ (layer or film)) with slant$3 ADJ surface | USPAT; EPO; JPO | 2001/06/27 10:35 |
| 34 | 0 | ((perpendicular or vertical) ADJ align$4 ) and (((align$3 or orientat$3) ADJ (layer or film)) and slant$3 ADJ surface) | USPAT; EPO; JPO | 2001/06/27 10:51 |
| 35 | 0 | 349/130 and (curv$3 ADJ electrode) | USPAT; EPO; JPO | 2001/06/27 10:52 |
| 36 | 0 | 349/130 with bump | USPAT; EPO; JPO | 2001/06/27 10:53 |
| 37 | 2 | 349/130 and bump | USPAT; EPO; JPO | 2001/06/27 10:54 |
| 38 | 0 | 349/130 and curv$3 ADJ recess | USPAT; EPO; JPO | 2001/06/27 10:55 |
| 39 | 0 | 349/130 with recess | USPAT; EPO; JPO | 2001/06/27 10:55 |
| 40 | 6 | 349/130 and recess | USPAT; EPO; JPO | 2001/06/27 10:55 |
| 43 | 32 | (pixel ADJ electrode) with protrusion | USPAT; EPO; JPO | 2001/06/27 12:17 |
| 44 | 2 | ((perpendicular or vertical) ADJ align$4 ) and ((pixel ADJ electrode) with protrusion ) | USPAT; EPO; JPO | 2001/06/27 12:17 |
| 47 | 25 | columnar ADJ spacer and center | USPAT; EPO; JPO | 2001/06/27 12:46 |
| 48 | 12 | columnar ADJ spacer and LCD | USPAT; EPO; JPO | 2001/06/27 13:12 |
| 49 | 49 | columnar ADJ spacer and align$4 | USPAT; EPO; JPO | 2001/06/27 17:53 |
| 50 | 523 | ((align$3 or orientat$3) ADJ (layer or film)) with (SiO or silicon oxide) | USPAT; EPO; JPO | 2001/06/27 13:37 |
| 51 | 48 | (((align$3 or orientat$3) ADJ (layer or film)) with (SiO or silicon oxide)) with vapor ADJ deposit$3 | USPAT; EPO; JPO | 2001/06/27 15:13 |
| 52 | 8 | (((align$3 or orientat$3) ADJ (layer or film)) with (SiO r silicon oxid )) with bliqu ADJ vap r ADJ d posit$3 | USPAT; EPO; JPO | 2001/06/27 16:09 |
| 53 | 2 | ("3,834,792").PN. | USPAT; EPO; JPO | 2001/06/27 15:25 |
| 54 | 16865 | wiring ADJ layer | USPAT; EPO; JPO | 2001/06/27 16:10 |

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| 55 | 187 | (pix I ADJ electr d ) and (wiring ADJ layer) | USPAT; EPO; JPO | 2001/06/27 16:11 |
| 56 | 54 | (wiring ADJ lay r) with (pix I ADJ I tr d ) | USPAT; EPO; JPO | 2001/06/27 16:11 |
| 57 | 32 | ((wiring ADJ lay r) with (pixel ADJ el ctr d )) and TFT | USPAT; EPO; JPO | 2001/06/27 16:13 |
| 58 | 0 | (((wiring ADJ layer) with (pixel ADJ electrode)) and TFT) and polarizer | USPAT; EPO; JPO | 2001/06/27 16:13 |
| 59 | 0 | (((wiring ADJ layer) with (pixel ADJ electrode)) and TFT) and polariz$3 ADJ layer | USPAT; EPO; JPO | 2001/06/27 16:14 |
| 60 | 8 | (((wiring ADJ layer) with (pixel ADJ electrode)) and TFT) and polariz$3 | USPAT; EPO; JPO | 2001/06/27 16:45 |
| 61 | 0 | (((wiring ADJ layer) with (pixel ADJ electrode)) and TFT) and polariz$3 ADJ axis | USPAT; EPO; JPO | 2001/06/27 16:46 |
| 62 | 0 | (((wiring ADJ layer) with (pixel ADJ electrode)) and TFT) and polariz$3 ADJ direction | USPAT; EPO; JPO | 2001/06/27 16:46 |
| 63 | 0 | columnar ADJ spacer with parallel ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 17:54 |
| 64 | 4 | columnar ADJ spacer and parallel ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 18:01 |
| 65 | 0 | columnar ADJ spacer and horizontal ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 17:59 |
| 66 | 20 | columnar ADJ spacer with align$4 | USPAT; EPO; JPO | 2001/06/27 18:01 |
| - | 0 | curved ADJ pixel ADJ electrode | USPAT; EPO; JPO | 2001/06/26 19:33 |
| - | 2 | curv$3 ADJ pixel ADJ electrode | USPAT; EPO; JPO | 2001/06/26 19:36 |
| - | 3 | (pixel ADJ electrode) with curv$3 ADJ surface | USPAT; EPO; JPO | 2001/06/26 19:46 |
| - | 32 | (pixel ADJ electrode) with protrusion | USPAT; EPO; JPO | 2001/06/26 19:55 |
| - | 2 | ((pixel ADJ electrode) with recess ) and ((pixel ADJ electrode) with protrusion ) | USPAT; EPO; JPO | 2001/06/26 19:56 |
| - | 20 | (pixel ADJ electrode) with recess | USPAT; EPO; JPO | 2001/06/26 20:04 |
| - | 32 | (pixel ADJ electrode) with protrusion | USPAT; EPO; JPO | 2001/06/27 12:16 |
| - | 0 | (pixel ADJ electrode) with curv$3 ADJ recess | USPAT; EPO; JPO | 2001/06/26 19:59 |
| - | 0 | (columnar ADJ spacer) with parallel ADJ align$4 | USPAT; EPO; JPO | 2001/06/26 20:06 |
| - | 1 | ((columnar ADJ spacer) with align$4) and vertical ADJ align$4 | USPAT; EPO; JPO | 2001/06/26 20:08 |
| - | 21940 | (perpendicular or vertical) ADJ align$4 | USPAT; EPO; JPO | 2001/06/27 09:22 |
| - | 0 | ((pixel ADJ electrode) with recess ) and ((perpendicular r vertical) ADJ align$4) | USPAT; EPO; JPO | 2001/06/26 20:11 |
| - | 2 | (c lumnar ADJ spac r) and ((perpendicular or v rtical) ADJ align$4) | USPAT; EPO; JP | 2001/06/26 20:11 |
| - | 20 | ( lumnar ADJ spacer) with align$4 | USPAT; EPO; JPO | 2001/06/26 20:21 |

| . | | 149 | columnar ADJ spac r | USPAT;<br>EPO; JPO | 2001/06/27<br>13:08 |
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